

This species is confessedly an important addition to the Insect Fauna of the United States, particularly as but another species is known or described, viz., *Quadricornis*, Kirby. The species is very rare.

## OMALIIDÆ, Leach, Er.

## OLOPRUM, Erichson.

*O. emarginatum*, Er.—*rotundicolle*, Say. In our presumed specimens of this species, the thorax at base is almost truncate, the apex but slightly emarginate, the lateral margins but slightly piceous, the apex of the elytra, and the posterior margins of the abdominal segments not piceous; apex of abdomen testaceous, and feet rufous, corresponding in every other respect with Say's description of *O. rotundicolle*. Not rare, occurs every spring on the blossoms of Red Maple.

## ANTHOBIUM, Leach.

*A. dimidiatum*. Testaceous; abdomen black.— $1\frac{1}{3}$  l. long. \*Pennsylvania.

*Silpha testacea*, Melsh, Catal. 344.

*Head* each side between the eyes, with a short, obsolete, longitudinal impressed line; minutely and faintly punctured, testaceous with the base dusky: *antennæ* incrassated towards the tip, a little longer than the thorax, testaceous, slightly pubescent; *palpi* testaceous: *thorax* some narrower than the elytra, transverse; sides rounded, with the base and apex truncate; anterior angles rounded, posterior ones almost square; an obsolete, impressed dorsal line, rather most distinct before the posterior margin; minutely and sparsely punctured, and finely wrinkled, testaceous, longitudinally dusky in the middle: *scutel* testaceous: *elytra* twice as long as the thorax, densely and strongly punctured, testaceous: *abdomen* black, or black brown, slightly piceous, glabrous, acuminate at apex: *pectus* and *feet* testaceous; *tarsi* dilated.

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*Descriptions of New North American Coleoptera.*

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## OXYPRUS, Fabr.

*O. pulcher*. Reddish-brown; elytra, each with a broad oblique whitish band, commencing at the humeral angle and terminating on the posterior margin near the suture. Length nearly 4 lines.

*Body* reddish-brown, polished. *Head* large, with numerous dilated punctures on the occiput, punctures sometimes confluent; three slight indentations nearly on a line between the eyes; a somewhat prominent, polished, suborbicular elevation on the exterior region above the eyes, which is included by a distinct semicircular impression proceeding from the inferior portion of the neck and running nearly parallel with the posterior margin towards the vertex, then curving regularly downward and outward till it reaches the eye, where it becomes obsolete. *Mouth* pale honey-yellow. *Mandibles* very robust, as long or longer than the head; rather much arcuated; dark reddish-brown, their

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\* Communicated by the Entomological Society of Pennsylvania.

bases on the inner side yellowish. *Antennæ* and *palpi*, dark reddish-brown. *Thorax* with an abbreviated impressed dorsal line, and a double punctiform impression each side behind the middle; a regular series of distant punctures near the anterior margin. *Elytra*, each with a broad oblique whitish band proceeding from the humerus and terminating on the posterior margin near the suture; region of the scutel, suture, and lateral margins from near the humerus to the tip, dark reddish-brown, the brown colour extending inwards on the posterior angle half way to the suture; an indented subsutural line, obsoletely punctured; two abbreviated deeply punctured striæ on the middle, of which the anterior one is obsolete. *Tergum* dark-brown, with a piceous tinge towards the tip. *Feet* and beneath dull yellowish.—Western Pennsylvania.

#### DIACANTHUS, Latr., Germ.

*D. splendens*. Brownish-cupreous, polished; epipleura and feet rufous. Length  $5\frac{1}{2}$  lines.

*Body* dark-brownish, with a cupreous tinge, highly polished. *Head* coarsely and confluent punctured, with a frontal impression. *Antennæ* hairy, slightly serrated, not attaining the base of the thorax; second joint very short, little more than one-third the length of the third which is a little longer than the fourth joint. *Thorax* subquadrate, hardly longer than broad; dorsal line obvious; obsoletely indented each side behind the middle; posterior angles rather prominent, tinged with rufous, a little excurved; punctures large, profound, smaller on the disk. *Scutel* suborbicular. *Elytra* broadest behind the middle, abruptly narrowed towards the tip; interstitial spaces slightly convex, numerous and minutely punctured. *Epipleura* rufous. *Feet* rufous. Western Pennsylvania.

#### SCYRTES, Latr.

*S. suturalis*. Black; suture of the elytra in the middle fulvous; lateral thoracic margins white;  $1\frac{1}{2}$  lines long:  $\frac{2}{3}$  line wide.

Black, slightly and finely downy. *Thorax* with the lateral margins and area of posterior angles whitish. *Elytra* finely and densely wrinkled, with a short, common, linear fulvous spot on the middle. Beneath black. *Labrum* piceous. *Antennæ*, *knees*, *tibia* and *tarsi*, testaceous. *Femurs* blackish. Pennsylvania.

#### HYDROCERA, Newm.

*H. longicollis*. Black; thorax elongated; clytra with a yellowish subsutural vitta on the basal half. Length  $2\frac{1}{2}$  lines: breadth about  $\frac{1}{2}$  line.

*Body* deep black, shining, elongated-linear, with numerous erect, cinerous hairs. *Head* not indented between the eyes. *Mouth* beneath, *palpi*, *antennæ*, and *labrum* yellow. *Thorax* narrow, elongated, and but slightly dilated a little beyond the middle. *Elytra* abbreviated, covering about two-thirds the length of the abdomen; densely and confluent punctured; a pale yellowish subsutural vitta, commencing at the base and terminating a little before the middle. *Feet* yellow. Beneath black. Pennsylvania.

#### SPERCHEUS, Fabr.

*S. tessellatus*. Reddish-brown; head and thorax deeply punctured, the

latter slightly indented each side near the base; elytra with punctured striæ, sprinkled with black. Length  $3\frac{1}{2}$  lines: breadth  $2\frac{1}{2}$  lines.

*Body* reddish-brown. *Head* obscurely brown, flat, deeply punctured. *Labrum* short, obtusely emarginate. *Thorax* piceous, the sides pale; punctured; an indentation each side, near the basal margin, and a slight impression on the middle, near the base. *Scutel* black, forming an oblong triangle, with a few scattered profound punctures. *Elytra* reddish-brown, sprinkled with irregular black spots; region of the scutel immaculate; punctate-striate; alternate interstitial lines slightly elevated behind. *Antennæ, palpi, and feet*, dark-brown. Pennsylvania.

#### HYDROPHILUS, Fabr.

*H. ovalis*. Black, oblong-oval; antennæ and palpi piceous. Length 15 lines.

*Body* black, with a greenish tinge, oblong-oval. *Head* with irregular impressed punctures each side, on the front and before the eyes; orbits punctured. *Clypeus* deeply emarginate. *Antennæ and palpi* piceous. *Thorax* with impressed punctures near the anterior angles; a series of punctures each side, and a few each side before the middle, near the anterior margin. *Elytra* with four series of punctures, of which the third is abbreviated anteriorly, and the fourth double; lateral margins finely and closely punctured. *Pectus* bifid. *Postpectus* with minute yellowish hairs. *Sternum* canaliculate before; posterior half with a slightly impressed line. Beneath black; venter with an obsolete rufous spot on each segment. Pennsylvania.

This species somewhat resembles the *H. triangularis* of Say, but may be readily distinguished from that insect by the more oval form of its body.

#### COPROBIUS, Latr.

*C. obtusidens*. Black; clypeus not profoundly emarginate at tip; teeth of the tibiæ short, obtusely rounded. Length 9 lines: breadth 6 lines.

*Body* deep black. *Clypeus* not profoundly emarginate at tip, tip but slightly reflected; lateral edge, from the tip to beyond the middle, subrectilinear. *Antennæ and palpi* reddish-piceous, club of the former dull rufous. *Elytra* striated; striæ impunctured; interstitial spaces with numerous small, elevated points. *Teeth* of the anterior tibiæ proportionally short, obtusely rounded; the posterior tooth rather small, and widely separated from the others. Pennsylvania.

A very rare insect. It is larger than the *C. volvens*, F., and differs from it in colour, being of a deeper black, and in the denticulation of the anterior tibiæ, the terminal tooth being more remote from the two anterior ones, leaving a wider space which is occupied by four small roundish tubercles instead of two, as is the case in that species. It is also distinguished from the *volvens* in having the clypeus less rounded, less deeply emarginated, and much less acutely angulated at each end of the emargination.

#### PANDARUS, Meg.

*P. brunneus*. Reddish-brown, hairy; eyes black; antennæ and feet dull rufous. Length rather more than 2 lines.

*Body* oval, a little oblong, somewhat depressed; dark reddish-brown; covered

with erect, rather long, yellowish hairs. *Head* irregularly punctured, transversely indented on the front; a somewhat rounded, rufous elevation each side before the eyes and over the insertion of the antennæ. *Antennæ* rufous; second and third joints very short. *Clypeus* rufous. *Labrum* and *palpi* rufous, the former transversal. *Eyes* black, prominent, rather large. *Thorax* transverse, abruptly narrowed each side near the posterior angles; lateral margins arcuated, a little reflected; posterior angles terminating in a short acute tooth; numerous and coarsely punctured. *Scutel* triangular, rather large, impunctured. *Elytra*, punctures rather large, irregular, and sometimes confluent. *Feet* dull rufous. Pennsylvania.

#### CISTELA, Fabr.

1. *C. marginata*. Blackish-brown; thorax pale-sanguineous, with a blackish spot on the disk; lateral margin and suture of the elytra yellowish-red. Length 6 lines.

*Body* blackish-brown. *Head* blackish, densely and minutely punctured; a transverse indentation between the antennæ. *Maxillary palpi* piceous. *Antennæ* dark-brown, tip of the terminal joint yellowish-red. *Thorax* pale-sanguineous, with a blackish spot on the disk; yellowish-sericeous; posterior angles nearly rectangular; an obsolete longitudinal dorsal impression, which is more apparent on the middle. *Scutel* dusky at base, tip paler. *Elytra* with minute yellowish hairs; striated; striæ finely punctured; interstitial lines rather flat; lateral margins and suture, yellowish-red. *Feet* and beneath dark-brown. Pennsylvania.

2. *C. erythroptera*. Black; antennæ, palpi, feet and elytra, testaceous. Length 4 lines.

*Cistela erythroptera*, Melsh. Catal.

*Head* blackish, with a dilated transverse impression between the antennæ. *Labrum* piceous. *Thorax* black, with an obsolete impressed dorsal line; a transverse dilated impression on the middle near the basal margin, and an indentation each side near the lateral margin; posterior angles subacute. *Elytra* pale-testaceous, somewhat sericeous; striated; striæ finely punctured; interstitial lines convex. Beneath shining black. Pennsylvania.

#### PEDILUS, Fisher.

1. *P. nigricans*. Bluish-black; two first joints of the antennæ, labrum, and base of the palpi, pale-yellowish. Length 3 lines.

*Body* bluish-black, polished, with yellowish-cinereous hairs. *Head* black, shining; front with an oblique, dilated impression each side between the eyes. *Antennæ*, two first or basal joints, pale-yellowish. *Palpi*, at base, pale-yellowish, terminal joint fuscous. *Labrum* and *mouth* beneath, dull yellowish. *Thorax* blue-black, polished; an abbreviated, impressed dorsal line; a dilated impression near the basal margin before the scutel; basal margin pale piceous. *Elytra* bluish-black; rugosely punctured; punctures transversely confluent on the middle. *Feet* and beneath bluish-black; tarsi paler. Pennsylvania.

2. *P. hæmorrhoidalis*. Elytra blue, with yellow tips; thorax, tip of the abdomen, and feet, yellow.

*Pedilus hæmorrhoidalis?* Dejean's Catal. Length 3 lines.

*Head* black, polished. *Antennæ* reddish-brown, two basal joints yellowish. *Labrum*, *palpi*, and *mouth* beneath, yellow. *Thorax* yellow, with a few

scattered yellowish-cinereous hairs. *Elytra* blue, somewhat rugose, with obvious dilated punctures furnishing minute hairs; each with a polished, yellowish, slightly elevated spot at tip. Beneath blue. Tip of the abdomen and feet yellow. Pennsylvania.

3. *P. ruficollis*. Blackish-blue; thorax, antennæ and feet, rufous. Length rather more than 3 lines.

*Body* blackish-blue, with short, yellowish-cinereous hairs. *Head* deep black, polished. *Thorax* pale rufous, polished. *Elytra* blackish-blue; rugosely punctured, punctures transversely confluent on the middle. *Feet* pale rufous. Beneath blackish-blue. Pennsylvania.

4. *P. marginicollis*. Blackish; thorax yellow, with a black spot on the middle.

*Pedilus marginicollis*. Dr. Melsheimer in lit. Length nearly 3 lines.

*Body* blackish, with pale yellowish hairs. *Head* deep black, shining, with a transverse indentation between the eyes. *Antennæ*, two first or basal joints, yellow. *Palpi* dull yellowish, terminal joint fuscous. *Mouth* beneath yellowish. *Clypeus* at tip, and labrum, pale piceous. *Thorax* honey-yellow, polished, with a blackish spot on the disk. *Elytra* bluish-black; rugose; densely punctured, punctures transversely confluent. *Feet* fuscous; tip of the tibiæ, and tarsi, pale yellowish. *Beneath* deep black.

Var. a. Thorax entirely destitute of the thoracic spot. Pennsylvania.

#### MONOHAMMUS, Meg.

*M. tomentosus*. Brown; the entire surface of the body, antennæ, feet, and greater part of the elytra, whitish tomentose, the latter spotted or interrupted with brown. Length ♀ 14 lines.

*Body* brown, densely covered with fine whitish prostrate hairs. *Head* with a longitudinal impressed line between the antennæ; edge around the antennæ, much elevated, somewhat spinose on the inner side. *Mouth* beneath, and *clypeus*, honey-yellow, the latter brownish at tip. *Mandibles* black. *Thorax* with a rather long, obtuse, somewhat elevated spine each side behind the middle. *Scutel* yellow. *Elytra* whitish tomentose, spotted or interrupted with brown; behind the middle, a large, irregular, transverse, brown spot nearly reaching the suture. Pennsylvania.

#### CEDIONYCHIS, Latr.

*C.*? *hispidus*. Blackish, hairy; antennæ, basal portion pale rufous, tip dark brown or blackish; feet yellowish, varied with piceous. Length 2 lines.

*Body* blackish, invested with numerous, rather long, erect, blackish and yellowish-cinereous hairs. *Head* obviously punctured, with an abbreviated longitudinal impression on the front. *Antennæ*, six first or basal joints pale rufous, tip dark-brown or blackish. *Thorax* oblong, narrow, rather broadest behind, somewhat rounded; lateral margins decurved, rectilinear; anterior portion not wider than the head; unequal; coarsely and confluent punctured, punctures larger and more obvious near the basal margin. *Scutel* forming an oblong triangle, yellowish-sericeous. *Elytra* with regular series of large, rather distant, profound punctures. *Femora*, posterior pair, above blackish-piceous, below rufous; anterior and intermediate pairs piceous, the base and apex paler; tibiæ and tarsi reddish-yellow, varied with piceous. Pennsylvania.